

# Notice of Allowability

Application No.

10/826,135

Examiner

Jeff Wollschlager

Applicant(s)

NAMIKI ET AL.

Art Unit

1791

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed June 22, 2007.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview (through phone messages) with Mr. James Barlow on October 5, 2007.

The application has been amended as follows:

Claims 10-18 have been canceled.

Claim 1 (amended): A resin molding method for protecting a winding of a resolver comprising:

providing a first mold member, a second mold member, and a movable part, wherein the movable part is disc shaped and is attached with multiple pins to a body of the first mold member so that the movable part can be moved in an axial direction with respect to the mold members;

urging the movable part toward the second mold member with springs such that the movable part is closely engaged with the second mold member while an annular stator of the resolver is sandwiched between the mold members in a manner such that the annular stator surrounds the movable part;

injecting a fused resin molding material into a space formed between the first mold member and the second mold member, when the stator, which includes the winding, is sandwiched between the first mold member and the second mold member to cover the winding with the molding material[.];

wherein the method further includes locating the pins within the springs.

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Claim 6 (amended): A resin molding method for protecting a winding of a resolver comprising:

providing a first mold member, a second mold member, and a movable part, wherein the movable part is disc shaped and is attached with multiple pins to a body of the first mold member so that the movable part can be moved independently with respect to the mold members in an axial direction;

urging the movable part toward the second mold member with springs such that the movable part is closely engaged with the second mold member while an annular stator of the resolver is sandwiched between the mold members in a manner such that the annular stator surrounds and contacts an outer surface of the movable part;

injecting a fused resin molding material into a space formed between the first mold member and the second mold member, when the stator, which includes a coiled winding, is sandwiched between the first mold member and the second mold member to cover the winding with the fused resin molding material [.]

wherein the method further includes locating the pins within the springs.

Claims 1-9 are allowed.

The following is an examiner's statement of reasons for allowance: The prior art of record does not teach or suggest a method for protecting a winding of a resolver wherein a movable, disc shaped, part is attached with multiple pins to a body of a first mold member wherein the pins are located within the springs that are used to urge the movable part toward a

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second mold member and wherein the movable part is surrounded by an annular stator in combination with the other features instantly claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeff Wollschlager whose telephone number is 571-272-8937. The examiner can normally be reached on Monday - Thursday 7:00 - 4:45, alternating Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christina Johnson can be reached on 571-272-1176. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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JW

Jeff Wollschlager  
Examiner  
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October 5, 2007

CK  
CHRISTINA JOHNSON  
SUPERVISORY PATENT EXAMINER